

Title (en)  
Pulley-bearing assembly

Title (de)  
Riemenscheibenlageranordnung

Title (fr)  
Ensemble poulie-palier à roulement

Publication  
**EP 2868939 A1 20150506 (EN)**

Application  
**EP 14191656 A 20141104**

Priority  
IT TO20130893 A 20131104

Abstract (en)  
Pulley-bearing assembly (10) provided with a pulley (8) and a rolling bearing (11) confined by respective coupling surfaces (112)(122) co-axial each other and defining a groove (140) in between; the rolling bearing (11) being provided with two rows (13, 14) of rolling bodies (15) having pitch diameters (D, Di) of different size, and a metallic ring (30) being pressed into the groove (140) and deformed so as to join the pulley (8) with the bearing (11).

IPC 8 full level  
**F16C 13/00** (2006.01); **F16C 19/18** (2006.01); **F16C 33/58** (2006.01); **F16C 35/077** (2006.01); **F16H 7/20** (2006.01); **F16H 55/36** (2006.01)

CPC (source: EP US)  
**F16C 13/006** (2013.01 - EP US); **F16C 19/184** (2013.01 - EP US); **F16C 19/28** (2013.01 - US); **F16C 33/586** (2013.01 - EP US); **F16C 35/067** (2013.01 - EP US); **F16C 35/077** (2013.01 - US); **F16H 7/20** (2013.01 - US); **F16H 55/36** (2013.01 - EP US); **F16C 2361/63** (2013.01 - EP US)

Citation (applicant)  
US 4602875 A 19860729 - DOERR ELMER H [US], et al

Citation (search report)  
• [Y] US 3934966 A 19760127 - ASBERG STURE LENNART  
• [Y] US 2003012475 A1 20030116 - VIGNOTTO ANGELO [IT], et al  
• [Y] EP 2380752 A1 20111026 - SKF AB [SE]  
• [A] EP 1533533 A1 20050525 - NSK LTD [JP]  
• [A] DE 102007062290 A1 20090625 - SCHAEFFLER KG [DE]  
• [AD] US 4602875 A 19860729 - DOERR ELMER H [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2868939 A1 20150506**; IT TO20130893 A1 20150505; US 2015125103 A1 20150507

DOCDB simple family (application)  
**EP 14191656 A 20141104**; IT TO20130893 A 20131104; US 201414533041 A 20141104